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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61K 38/43, 38/46, 38/54, C12N 9/82	A1	(11) International Publication Number: WO 00/59533
		(43) International Publication Date: 12 October 2000 (12.10.00)
(21) International Application Number: PCT/US00/07981 (22) International Filing Date: 24 March 2000 (24.03.00) (30) Priority Data: 60/127,662 2 April 1999 (02.04.99) US (71) Applicant (for all designated States except US): CHILDREN'S HOSPITAL LOS ANGELES [US/US]; Mail Stop 87, 4650 Sunset Blvd., Los Angeles, CA 90027 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): DURDEN, Donald, L. [US/US]; 909 Cumberland Road, Glendale, CA 91202 (US). (74) Agent: WISE, Michael, J.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: USE OF ASPARAGINASE AND GLUTAMINASE TO TREAT AUTOIMMUNE DISEASE AND GRAFT VERSUS HOST DISEASE		
(57) Abstract <p>Described herein are methods for using asparaginases and/or glutaminases to treat patients with asparagine and/or glutamine-dependent diseases. Some diseases specifically envisioned to be treated by the methods of the invention include Graft versus Host disease and auto-immune diseases, including SLE, RA, diabetes, and AIDS. The glutaminases and asparaginases can be native or recombinant, and can be modified by acylation or pegylation, for example.</p>		

20250325/2557

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